

**To:** Burdick, Melanie[Burdick.Melanie@epa.gov]  
**From:** Wilson, Kristina (DEQ)  
**Sent:** Mon 4/16/2018 9:06:08 PM  
**Subject:** FW: Aquila's response to EPA

Melanie:

For your file.

Kristi Wilson  
Department of Environmental Quality  
Water Resources Division  
Upper Peninsula District Office  
1504 W Washington Street  
Marquette, MI 49855  
906-236-0380

**From:** Tom Boerner [mailto:tom.boerner@gmail.com]  
**Sent:** Monday, April 16, 2018 3:58 PM  
**To:** Wilson, Kristina (DEQ) <WilsonK17@michigan.gov>; Mike <Mboerner40@gmail.com>  
**Subject:** Aquila's response to EPA

Kristi,

Hope you're not too snowed in.

In reading Aquila's response to the EPA they note 3 test well locations that appear to be on the Boerner property.

As you're aware Aquila has no permission to be on our property and therefore we would not allow them to put test wells on our land.

If I read this correctly I ask that you add this to either your rebuttal to the Aquila document or address directly with the EPA.

Also, Am I correct in interpreting that Aquila wants to use water from the Menominee River and pump that into the wetlands to offset the loss of water from their dewatering?

*"Augmentation of near surface wetland hydrology would be implemented by the installation of a multi-outlet pumping/irrigation system, using the Menominee River as a water source. Subject to MDEQ review and approval, the implementation would likely involve the placement of an irrigation system in the upland areas immediately adjacent to each potentially impacted wetland. Appropriate volumes of water (as determined by MDEQ) would be discharged evenly around any given wetland, most likely early in the growing season in such a manner as to recharge the near surface waters and imitate natural/ pre-operation conditions".*

If so, do we get a say in the quality of water, where it comes from, water temperature, microbes, bacteria and even items like zebra mussel larva?

I have not drilled down into Aquila's reply but did see these at first glance

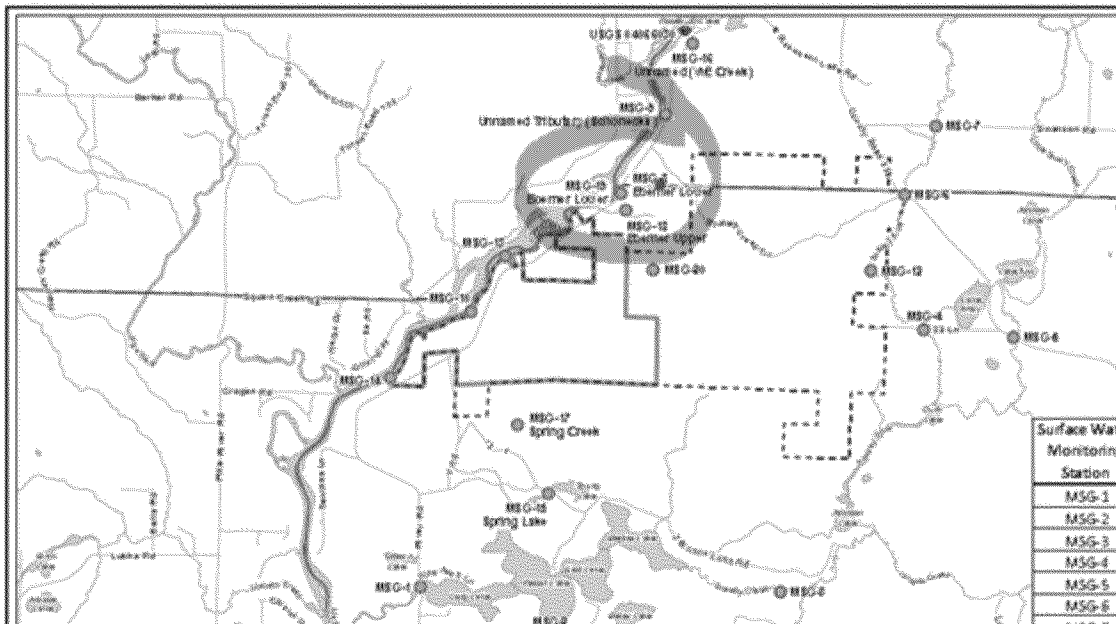
If I'm wrong in my interpretation please let me know.

Thank you -

**Table 1: Ambient Surface Water Monitoring Station Locations and Descriptions<sup>1</sup>**

Site Name	Waterbody	Latitude	Longitude
MSG-1	Shakey Lake System - Long Lake	45.42067521	-87.84253047
MSG-2	Shakey Lake System - Bass Lake	45.41550164	-87.82074879
MSG-3	Shakey Creek	45.42050841	-87.78635801
MSG-4	Shakey River	45.44943693	-87.76443477
MSG-5	Little Shakey River	45.44867032	-87.75038542
MSG-6	Shakey River	45.46419466	-87.76761881
MSG-7	Shakey River	45.47178551	-87.76283686
MSG-8	Menominee River Tributary - Boerner Lower	45.46409072	-87.81193755
MSG-9	Menominee River Tributary - Unnamed (Schoneks)	45.47250087	-87.80469452
MSG-10	Menominee River	45.45090613	-87.83507940
MSG-11	Menominee River	45.38415846	-87.86635280
MSG-12	Shakey River	45.45585030	-87.77272923
MSG-13	Menominee River	45.45705168	-87.82986579
MSG-14	Menominee River	45.44360004	-87.84754471
MSG-15	Shakey Lakes System - Spring Lake	45.43130476	-87.82276211
MSG-16	Menominee River Tributary - Unnamed (WE Creek)	45.48036555	-87.80170459
MSG-17	Spring Creek	45.43855000	-87.82766000
MSG-18	Menominee River Tributary - Boerner Upper	45.46220000	-87.81110000
MSG-19	Menominee River Tributary - Boerner Lower	45.46421000	-87.81224000
MSG-20	Unnamed Tributary to Boerner Upper	45.45568600	-87.80680500

<sup>1</sup> Environmental Monitoring Plan, Appendix G, Part 632 Mining Permit Application, October 2015; the Part 632 Mining Permit MP 01 2016, and the Memorandum, Back Forty Project - Surface Water Monitoring Location Clarification, Foth Infrastructure & Environment, LLC, March 21, 2017.



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Thank you,

Tom Boerner  
920-912-3717

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